

**AMENDMENT TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A digital amplifier, in which a driving circuit drives switching elements in response to an audio signal that has been converted into a 1-bit signal, and an amplitude of the audio signal is amplified by switching a power source voltage, comprising:

variable power source voltage generating means for generating the power source voltage which is variable; and

driving voltage variation means for causing a driving voltage, varying a driving voltage by which the driving circuit drives the switching elements, to follow the power source voltage so as to vary the driving voltage.

2. (previously presented) The digital amplifier as set forth in claim 1, wherein:

the variable power source voltage generating means includes a low pass filter for smoothing a pulse width modulation signal obtained by switching a predetermined direct current voltage in a duty variable manner, and

the driving voltage variation means includes:

a capacitor whose one terminal receives the pulse width modulation signal;

a diode for inputting a predetermined constant voltage into another terminal of the capacitor; and

a low pass filter for smoothing an output from the other terminal of the capacitor, wherein a voltage obtained by adding the constant voltage to the power source voltage is supplied to the driving circuit as the driving voltage.

3. (currently amended) A digital signal reproduction device, comprising:

a reproduction circuit for demodulating and developing sound data, obtained from a rewritable optical storage medium, which has been modulated and compressed for storage; and

an amplifier for amplifying the sound data, wherein

the amplifier is a digital amplifier that includes a driving circuit driving switching elements in response to an audio signal that has been converted into a 1-bit signal, and an amplitude of the audio signal is amplified by switching a power voltage,

a variable power source voltage generator generating the power source voltage which is variable, and

a driving voltage ~~variation~~ variator that varying causes a driving voltage, by which the driving circuit drives the switching elements, to follow the power source voltage so as to vary the driving voltage.

4. (Original) The digital signal reproduction device as set forth in claim 3, wherein the optical storage medium is a minidisk.

Claims 5-12 (Canceled).

13. (previously presented) The digital signal reproduction device as set forth in claim 3, wherein

the variable power source voltage generating means includes a low pass filter for smoothing a pulse width modulation signal obtained by switching a predetermined direct current voltage in a duty variable manner, and

the driving voltage variation means includes:

a capacitor whose one terminal receives the pulse width modulation signal;

a diode for inputting a predetermined constant voltage into another terminal of the capacitor; and

a low pass filter for smoothing an output from the other terminal of the capacitor, wherein a voltage obtained by adding the constant voltage to the power source voltage is supplied to the driving circuit as the driving voltage.